

DETAILED ACTION

Allowable Subject Matter

1. Claims 157-176, renumbered as 1-20 are allowed.
2. The following is an examiner's statement of reasons for allowance: the prior art of the record fails to anticipate or fairly suggest, automatically videoing the movements of participants or objects within the entire performance area of a sporting throughout the entire time duration of the event, including; a first set of multiple stationary overload cameras, not capable of pan, tilt or zoom movement, to form a contiguous field-of-view of the entire area for generating the first video stream of images continuously throughout the entire time duration, first algorithm operated on a computer system exclusively and solely responsive to the first stream of video images for continuously and simultaneously analyzing the images from all cameras in the first set of multiple stationary cameras in order to detect the presence of each participants within each and every camera's view, to determine for each detected participant its relative two-dimensional centroid coordinates within the view, and using determined information from all the first set cameras to update a real-time tracking database of at least the two-dimensional centroid location of each participant, relative to the entire performance area, and a second algorithm operated on a computer system exclusively and solely responsive to the real time tracking database to automatically and individually adjusting the current view of each camera in a second set of multiple stationary cameras, capable of pan, tilt and zoom movement distinct from the first set of stationary cameras, wherein each of the second set camera is automatically directed without operator intervention to

Art Unit: 2621

maintain an independent view of the participants, where the second set of cameras outputs a second stream of video images for viewing and recording and wherein the second stream of video images is not used to either determine any participant's two-dimensional centroid locations or to update the real-time tracking database, as specifies in the independent claim 157, renumbered as 1, and similarly independent claim 167, renumbered as 11.

Claims 158-166 and 168-176, renumbered as 2-10 and 12-20 are allowed with respect to dependency to allowable independent claims 157 and 167, renumbered as claims 1 and 11.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Contact

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Behrooz Senfi whose telephone number is 571-272-7339. The examiner can normally be reached on M-F 7:00-3:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mehrdad Dastouri can be reached on 571-272-7418. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2621

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Behrooz Senfi/
Primary Examiner
Art Unit 2621

Application/Control Number: 10/006,444
Art Unit: 2621

Page 5